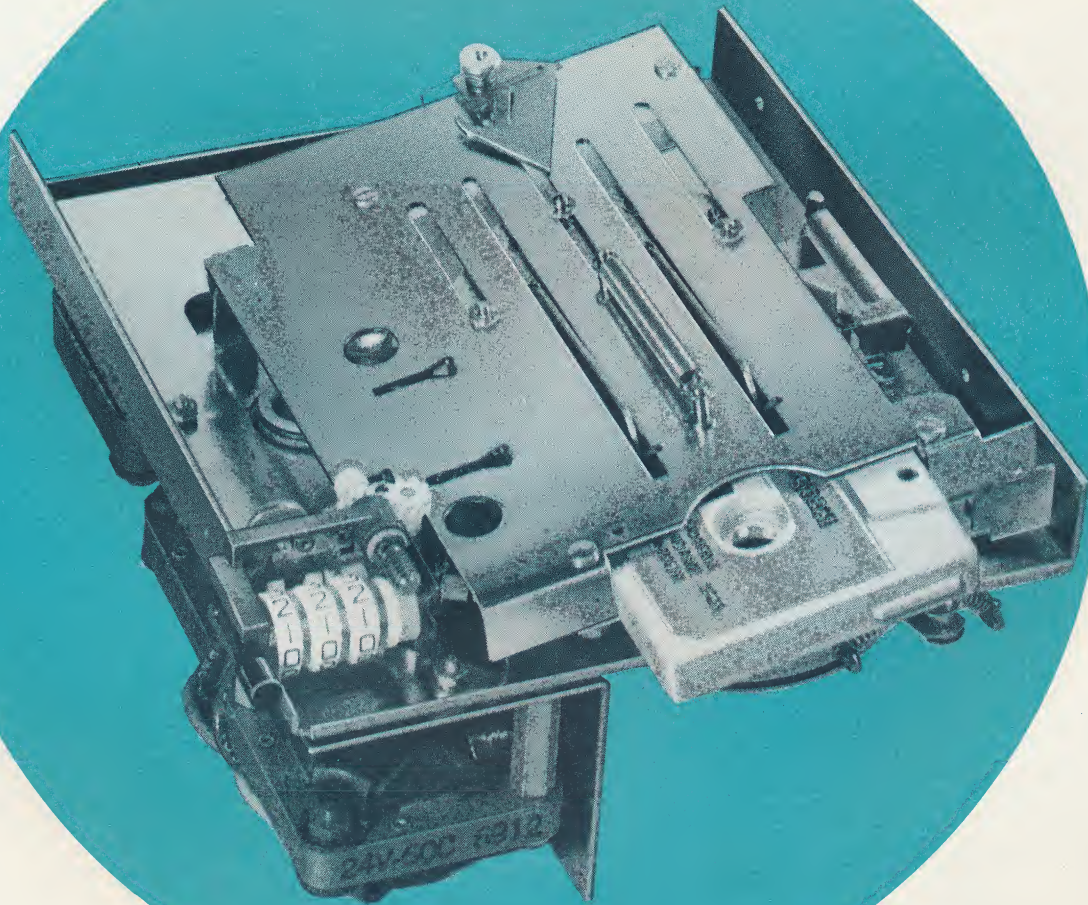


two channel cassette play/record deck

from auricord



AURICORD
DIVISION
specialists
in
quality
tape
decks

**Model CAS-1, CAS-2 and CAS-3—Slot Load, Three Motor,
Two Channel Play/Record Cassette Mechanisms (Patents Pending).**

Since 1959 Auricord has been producing tape decks for manufacturers who want the finest quality at economical prices. Maintaining Auricord's uncompromising commitment to engineering excellence, the CAS Series offers many exclusive and unique features plus outstanding performance. It advances the art of Cassette play/record mechanisms over "run-of-the-mill" types presently available. Proprietary to Auricord, this series is 5th generation in concept.

Models CAS-1 and CAS-2 cover a wide range of applications: Educational, Teaching (AV) systems, Remote systems, Dial Access, Retrieval, Memory systems, Space and Medical electronics, Industrial.

Model CAS-1 plays and records in one standard direction. Model CAS-2 is bi-directional. It plays and records and automatically reverses direction at end of tape.

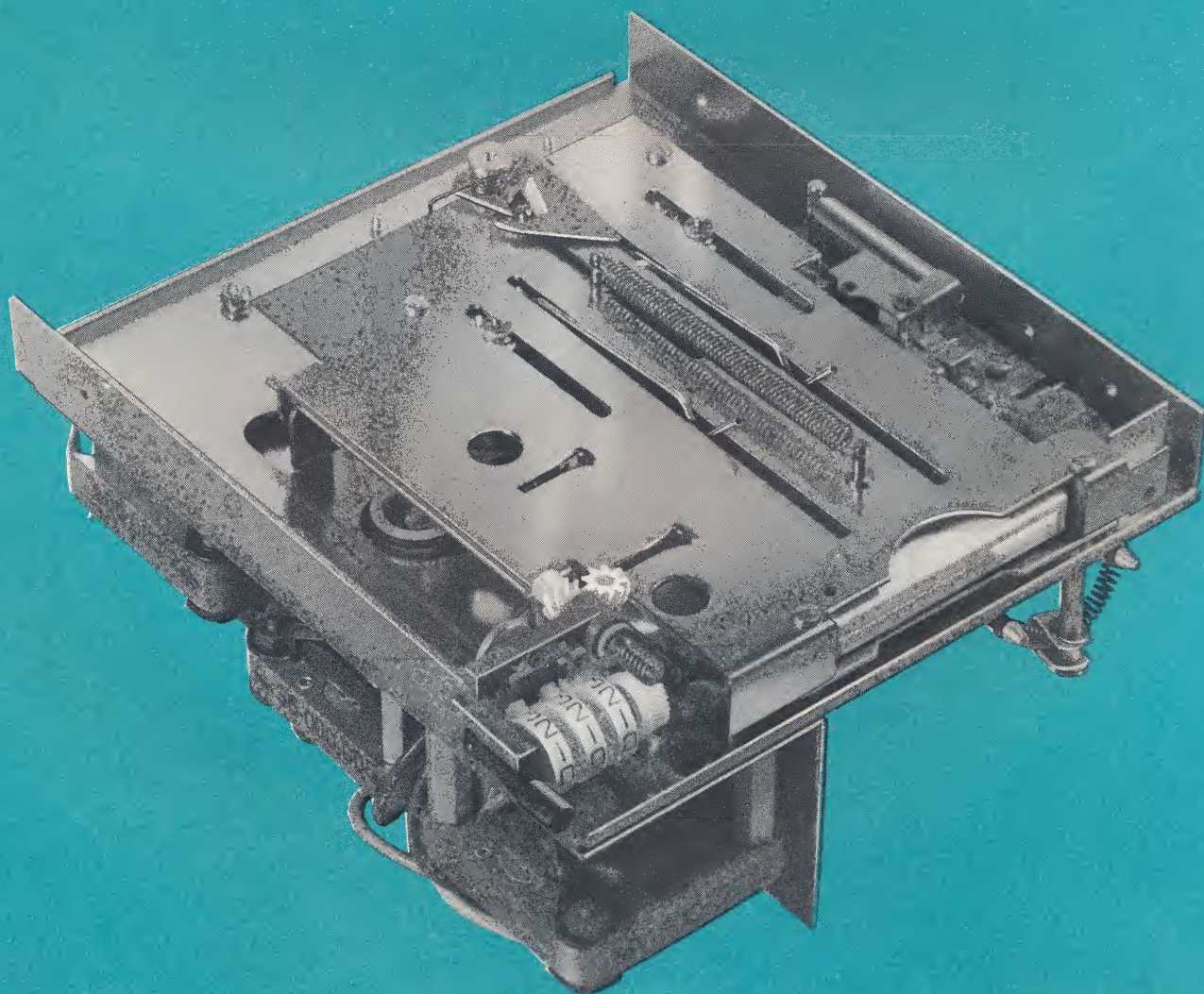
Models EP-1 and EP-2 electronics packages (optional) contain all the components to operate the CAS-1 and CAS-2 decks. In addition, the decks can be adapted to include a back spacing facility.

Model CAS-3 is designed for use by the computer industry. It will read tape in either fast rewind or fast forward modes in addition to recording and playing at the standard $1\frac{7}{8}$ I.P.S.

The CAS Series incorporates many outstanding design features: ☆ Cassette mechanism may be mounted vertically, horizontally, or on its side. ☆ Hardened, ground stainless steel capstan shaft. ☆ Sintered bearings lubricated for life. ☆ Dynamically balanced synchronous capstan motor. ☆ Pinch roller ground concentric to its own sintered bearing. ☆ Belts replaceable without disassembly. ☆ Cassette does not protrude during operation. ☆ Designed for panel mounting. ☆ 50 hertz version available.

Models CAS-1, CAS-2 and CAS-3 have the capability to perform any function programmed by the logic applied.

All CAS series decks are fitted with heads and counter. Decks supplied with the Auricord electronic package have interconnecting cables.



AURICORD's
METAL CASSETTE
CUTS
STATIC
CHARGES



auricord's metal cassette cuts static charges

AURICORD'S new CM Series* of low cost metal digital cassettes eliminates static charge problems found in standard plastic cassettes. The metal cassette acts as a ground to drain off static charges. The metal housing design also insures precise dimensional stability. Use of ball bearing tape guides assures exact tape location and reduced internal friction. Screw-together construction permits easy access. New pressure pad design maintains proper position during bi-directional operation, as well as being self-damping to reduce resonant vibration problems during high speed search mode. All in all, a superior cassette at comparatively low cost! The AURICORD cassette will fit any standard cassette machine. For OEM users, the CM Series cassette is available with special leaders, different lengths, thicknesses and magnetic coatings, as well as certification of tape.

*Patent applied for

FEATURES

- ★ Improved pressure pad spring
- ★ Metal ball bearings at critical locations for low internal friction and static drain
- ★ End of tape sensing windows larger for use with external tape guides
- ★ Improved shims for more consistent tape wind
- ★ New top-to-bottom assembly facilitates repair or replacement of tape
- ★ All internal parts easily replaceable
- ★ New improved WRAPAROUND head shield
- ★ Stainless steel pins at critical locations for reducing friction and tape path (azimuth) variations
- ★ Designed for two-directional operation
- ★ Approx. 14" clear leader at both ends
- ★ Average weight 3.6 Oz. depending on tape length
- ★ Made in United States by American craftsmen to exacting standards



ORDERING INFORMATION

- 1 suffix indicates UNCERTIFIED TAPE
- 2 suffix indicates TAPE CERTIFIED IN CASSETTE

STOCK NO.	LENGTH OF TAPE (FT.)	TYPE OF TAPE
CM-150-1	150	— 1
CM-150-2	150	— 2
CM-300-1	300	— 1
CM-300-2	300	— 2
CM-450-1	450	— 1
CM-450-2	450	— 2



For further information, contact:

AURICORD **SCOVILL**
DIVISION

35-41 29TH STREET, LONG ISLAND CITY, N.Y. 11106 • (212) 361-7400

Specifications subject to change without notice.



Effective Date

1/1/70

PRICE LIST

CAS SERIES CASSETTE TAPE DECKS — ELECTRONIC PACKAGE — COMPONENTS

DESCRIPTION	CAS-1 Mechanism	CAS-3A Mechanism	EP-1 EP-3A Electronic Package	EP-1 Less PRP-2 Board	PRP-2 Board W. Bias Osc.	Power Transformer	Capstan Mtr. Cap.	Reel Mtr. Cap.	Meter	Osc. Coil	Function Switch 6 Pos.	Pause Switch 1 Pos.	Pair Square Mtg. Brackets	Pair Angled Mtg. Brackets	Head Cable W. Plug	Pwr. Cable W. Plug
1 to 4	\$75.00	\$75.00	\$75.00	\$50.00	\$25.00	\$10.00	\$ 5.00	\$ 5.00	\$ 7.50	\$ 2.50	\$15.00	\$ 2.00	\$ 3.00	\$ 3.00	\$ 5.00	\$ 7.50
5 to 49	63.87	69.56	70.24	46.10	21.86	5.49	2.50	2.50	3.75	2.28	7.42	1.29	2.88	2.88	2.50	3.75
50 to 99	54.92	60.88	63.45	41.72	19.40	4.76	1.77	1.93	2.92	2.13	6.67	1.07	2.51	2.51	1.71	2.98
100 to 249	49.37	54.10	58.37	36.91	17.31	4.27	1.31	1.52	2.23	1.86	6.02	.96	2.30	2.30	1.41	2.16
250 to 499	45.10	49.23	54.76	33.64	15.33	3.85	1.17	1.36	1.99	1.42	5.41	.86	2.04	2.04	1.25	1.87
500 to 999	41.83	45.71	49.93	31.15	13.68	3.32	1.04	1.18	1.79	.89	4.84	.78	1.68	1.68	1.09	1.65
1000 & Over	37.76	41.33	47.12	29.66	12.42	2.97	.93	1.06	1.56	.52	4.32	.61	1.44	1.44	.97	1.48
PART NUMBER	CAS-1 Mechanism	CAS-3A Mechanism	EP-1 EP-3A Electronic Package	EP-1 Less PRP-2 Board	Pt. No. 99-006-000	Pt. No. 72-003-100	Pt. No. 60-735-001	Pt. No. 60-735-003	Pt. No. 32-001-000	Pt. No. 62-001-000	Pt. No. 70-004-002	Pt. No. 70-004-003	Pt. No. 04-101-000	Pt. No. 04-102-000	Pt. No. 92-185-005	Pt. No. 92-190-004

Model CAS-1 includes 2 channel record/play head and matching erase head. Also included is a resettable counter. Model CAS-3A includes 2 channel record/play head and matching erase head less counter.

When CAS-1 and CAS-3A are ordered with EP-1 and EP-3A electronics Package, head and power cables with male connectors are attached to the mechanism. Orders for decks only do not include cables but do include a terminal strip lead termination.

Where counter is not required on CAS-1 deduct \$1.08.

Language Lab head, Part No. 28-000-013, may be substituted on either deck; add \$2.60 to above prices.

CAS-1 and CAS-3A are available less heads. Deduct \$2.87 for record/play head and \$.50 for erase head and specify when ordering.

Knob for lifting Cassette holder, Part No. 05-000-154, is supplied no charge on sample shipment only. Side mounting brackets, either angled or square, are supplied no charge on sample shipment only.

Note: Auricord's Flexibility of manufacture allows for modifications of the standard decks to suit specific requirements.

Let us know your requirements.

Availability of sample quantities: Usually immediately.

Terms: Net 30, F.O.B. Long Island City, N. Y.

When ordering, please state part numbers. Minimum order \$10.00

Prices and specifications subject to change without notice.



Effective Date

1/1/70

PRICE LIST

CAS SERIES CASSETTE TAPE DECKS — ELECTRONIC PACKAGE — COMPONENTS

DESCRIPTION	CAS-1 Mechanism	CAS-3A Mechanism	EP-1 EP-3A Electronic Package	EP-1 Less PRP-2 Board	PRP-2 Board W. Bias Osc.	Power Transformer	Capstan Mtr. Cap.	Reel Mtr. Cap.	Meter	Osc. Coil	Function Switch 6 Pos.	Pause Switch 1 Pos.	Pair Square Mtg. Brackets	Pair Angled Mtg. Brackets	Head Cable W. Plug	Pwr. Cable W. Plug
1 to 4	\$75.00	\$75.00	\$75.00	\$50.00	\$25.00	\$10.00	\$ 5.00	\$ 5.00	\$ 7.50	\$ 2.50	\$15.00	\$ 2.00	\$ 3.00	\$ 3.00	\$ 5.00	\$ 7.50
5 to 49	63.87	69.56	70.24	46.10	21.86	5.49	2.50	2.50	3.75	2.28	7.42	1.29	2.88	2.88	2.50	3.75
50 to 99	54.92	60.88	63.45	41.72	19.40	4.76	1.77	1.93	2.92	2.13	6.67	1.07	2.51	2.51	1.71	2.98
100 to 249	49.37	54.10	58.37	36.91	17.31	4.27	1.31	1.52	2.23	1.86	6.02	.96	2.30	2.30	1.41	2.16
250 to 499	45.10	49.23	54.76	33.64	15.33	3.85	1.17	1.36	1.99	1.42	5.41	.86	2.04	2.04	1.25	1.87
500 to 999	41.83	45.71	49.93	31.15	13.68	3.32	1.04	1.18	1.79	.89	4.84	.78	1.68	1.68	1.09	1.65
1000 & Over	37.76	41.33	47.12	29.66	12.42	2.97	.93	1.06	1.56	.52	4.32	.61	1.44	1.44	.97	1.48
PART NUMBER	CAS-1 Mechanism	CAS-3A Mechanism	EP-1 EP-3A Electronic Package	EP-1 Less PRP-2 Board	Pt. No. 99-006-000	Pt. No. 72-003-100	Pt. No. 60-735-001	Pt. No. 60-735-003	Pt. No. 32-001-000	Pt. No. 62-001-000	Pt. No. 70-004-002	Pt. No. 70-004-003	Pt. No. 04-101-000	Pt. No. 04-102-000	Pt. No. 92-185-005	Pt. No. 92-190-004

Model CAS-1 includes 2 channel record/play head and matching erase head. Also included is a resettable counter. Model CAS-3A includes 2 channel record/play head and matching erase head less counter.

When CAS-1 and CAS-3A are ordered with EP-1 and EP-3A electronics Package, head and power cables with male connectors are attached to the mechanism. Orders for decks only do not include cables but do include a terminal strip lead termination.

Where counter is not required on CAS-1 deduct \$1.08.

Language Lab head, Part No. 28-000-013, may be substituted on either deck; add \$2.60 to above prices.

CAS-1 and CAS-3A are available less heads. Deduct \$2.87 for record/play head and \$.50 for erase head and specify when ordering.

Knob for lifting Cassette holder, Part No. 05-000-154, is supplied no charge on sample shipment only. Side mounting brackets, either angled or square, are supplied no charge on sample shipment only.

Note: Auricord's Flexibility of manufacture allows for modifications of the standard decks to suit specific requirements.

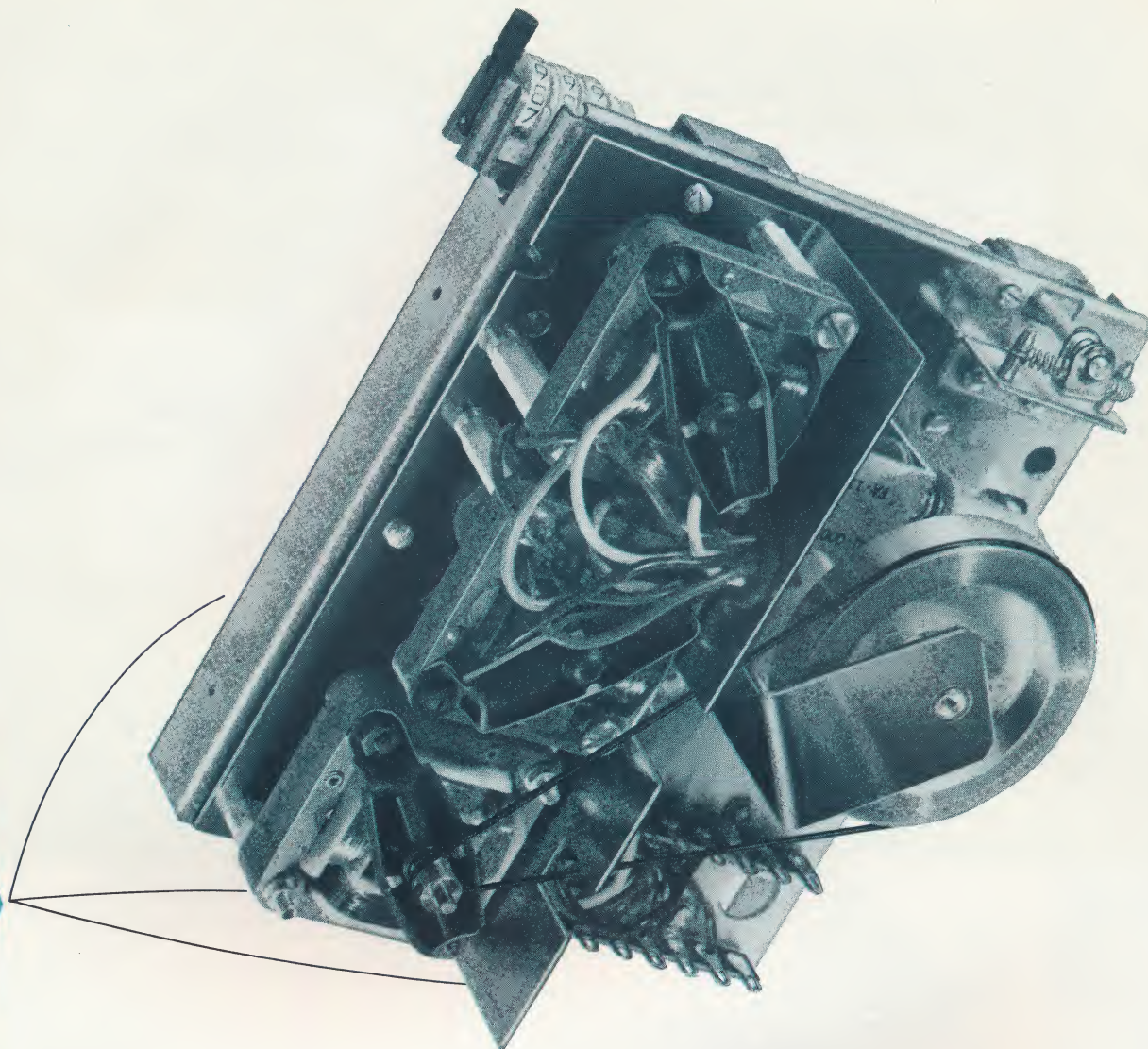
Let us know your requirements.

Availability of sample quantities: Usually immediately.

Terms: Net 30, F.O.B. Long Island City, N. Y.

When ordering, please state part numbers. Minimum order \$10.00

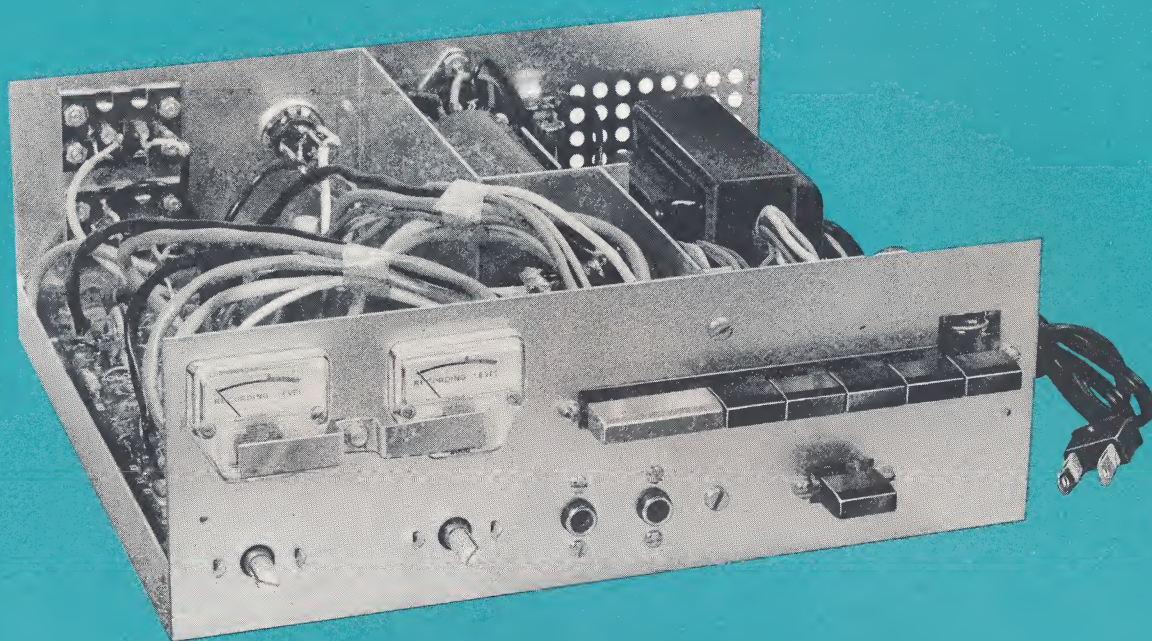
Prices and specifications subject to change without notice.



EXCLUSIVE MECHANICAL FEATURES:

MODELS CAS-1, CAS-2, CAS-3

★ 3 AC Motors, specially designed. ★ Separate synchronous capstan motor allows for optimum capstan speed. ★ Easy, keyed slot loading—impossible to insert Cassette incorrectly. ★ Instant Cassette eject system. ★ Use of “lock-out” tabs of Cassette prevent accidental erasure. ★ Low inertia drive system minimizes tape pulling off reel. ★ No brake bands or linkages—has electro-dynamic braking. ★ All functions electrically controlled—each reel independently motor driven. ★ Mechanism entirely interlocked to prevent damage from misuse. ★ Solenoid operated heads and pinch roller. ★ Resettable counter. ★ Entire deck operates under 36 volts. ★ Remote wiring extremely simple—No UL requirements. ★ Play/Record speed: $1\frac{7}{8}$ I.P.S. ★ Fast forward and fast rewind speed for 60 min. Cassette approximately 1 minute. ★ Timing accuracy $\pm 1\%$. ★ Wow and flutter combined, below .2% RMS. ★ All Auricord mechanisms are designed and manufactured from American made parts. ★ Dimensions: 7" L x $7\frac{3}{8}$ " W x $4\frac{1}{4}$ " H. ★ Net Weights: $6\frac{1}{4}$ lbs.



EP-1 AND EP-2 SOLID STATE ELECTRONICS PACKAGE:

Models EP-1 and EP-2 are designed for use with the Models CAS-1 and CAS-2 respectively. They are completely self contained, consisting of:

- Power supply, operates from 117 volt, 60 hertz source (fuse protected)
- Complete logic circuitry
- Complete push-button switch bank for electrical control of all deck functions: Record—play—fast rewind—fast forward—pause—stop—power on/off
- Push button switch is mechanically interlocked to prevent misuse of system
- Pause switch, momentary or latching capability
- Play/record two channel preamplifiers with equalization
- Push-pull bias oscillator
- Internal bias, meter and playback level controls
- 2 V.U. type meters and circuitry
- 2 Record level controls
- 2 Microphone inputs
- 2 Hi-Z inputs

ELECTRICAL SPECIFICATIONS:

- Frequency response: ± 3 db 30 to 10 kc
- Signal to noise: -47 db
- Preamplifier output: .5 volts RMS
- Erase capability: > 50 db
- Bias frequency: 100 khz (slug adjusted)
- Dimensions: 10" L x 9½" W x 3¾" H
- Net Weight: 7¼ lbs.

Specifications subject to change without notice.



For further information, contact:

AURICORD **SCOVILL**
DIVISION

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Form CAS 469
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AURICORD CORPORATION

35-41 29TH STREET, LONG ISLAND CITY, N.Y. 11106

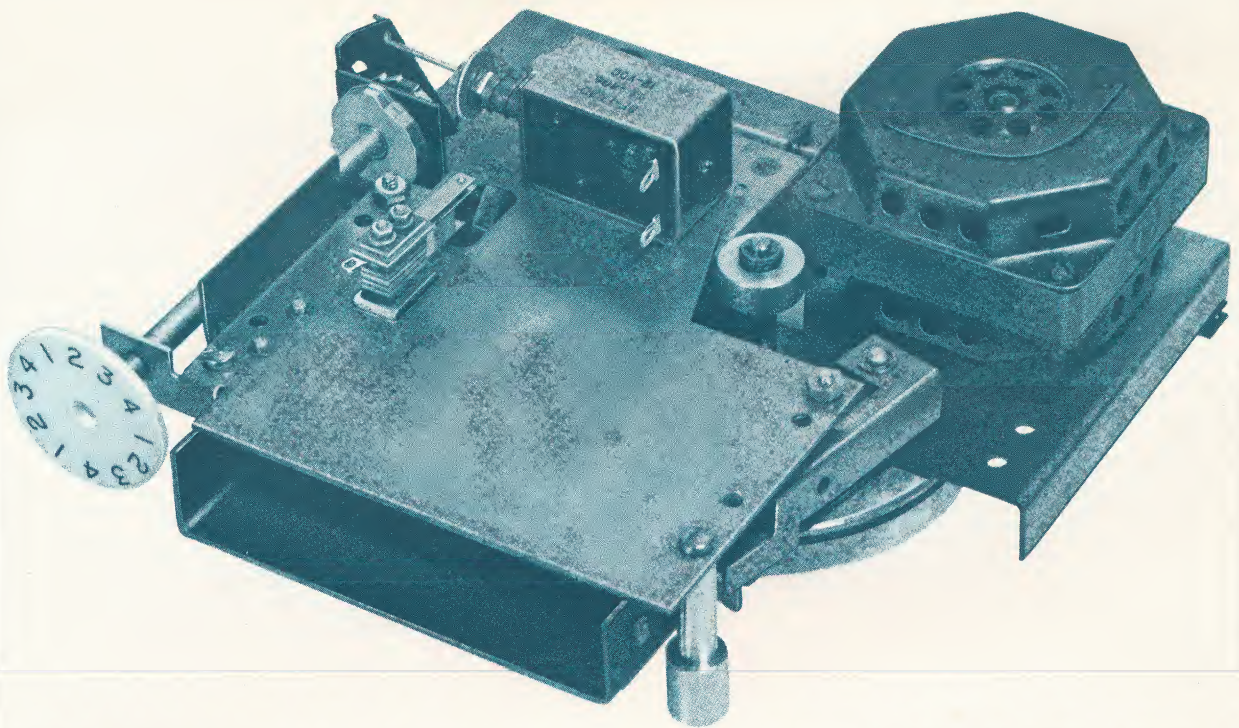




AURICORD
DIVISION

SCOVILL

SPECIALISTS IN QUALITY TAPE DECKS



8 TRACK, TWO CHANNEL TAPE CARTRIDGE DECK

The Auricord Corporation is a specialist in the design and manufacture of tape decks. We do not market our own recorders but produce our products for private label accounts only. Years of experience in the production of reel-to-reel decks have time proven all the materials and components used in our 8 track tape cartridge deck. It is engineered for the manufacturer who wants utmost performance at an economical price. Two models are available: Model A-4500 for 115 Volts, 60 cycles, and Model A-5500 for 12 Volts D.C.



AURICORD
DIVISION





Effective Date
1/1/70

INDUSTRIAL TYPE CONTINUOUS LOOP CARTRIDGE TAPE DECKS
FOR USE WITH STANDARD STEREO 8 CARTRIDGES
Movable And Fixed Head Models

Model A-4500 for 117 Volts 60 hz
with solenoid, ratchet assembly, in-
dicator dial and leaf switch, with 8
track movable head and contactor.

<u>QUANTITY</u>	<u>LESS PREAMP</u>	<u>WITH PREAMP</u>
1 to 24	\$37.52	\$46.08
25 to 499	28.26	35.40
500 to 999	24.22	30.48
1,000 to 2,999	20.94	26.12
3,000 to 4,999	18.76	23.69
5,000 and over	17.68	22.17

Model A-4500-1 for 117 Volts 60 hz
with fixed two channel head and con-
tactor, less ratchet assembly, solen-
oid, indicator dial and leaf switch.

<u>QUANTITY</u>	<u>LESS PREAMP</u>	<u>WITH PREAMP</u>
1 to 24	\$33.50	\$42.06
25 to 499	24.91	32.05
500 to 999	21.37	27.63
1,000 to 2,999	18.49	23.67
3,000 to 4,999	16.61	21.54
5,000 and over	15.70	20.19

Model A-5500 for 12 Volts DC opera-
tion with solenoid, ratchet assembly,
indicator dial, leaf switch with 8
track movable head and contactor.

<u>QUANTITY</u>	<u>LESS PREAMP</u>	<u>WITH PREAMP</u>
1 to 24	\$41.72	\$50.28
25 to 499	31.27	34.41
500 to 999	27.62	33.88
1,000 to 2,999	24.84	30.02
3,000 to 4,999	22.26	27.19
5,000 and over	20.83	25.32

Model A-5500-1 for 12 Volts DC with
fixed two channel head and contactor,
less ratchet assembly, solenoid,
indicator dial and leaf switch.

<u>QUANTITY</u>	<u>LESS PREAMP</u>	<u>WITH PREAMP</u>
1 to 24	\$37.70	\$46.26
25 to 499	27.92	31.06
500 to 999	24.77	30.03
1,000 to 2,999	22.39	27.57
3,000 to 4,999	20.11	25.04
5,000 and over	18.85	23.34

Models A-4500-1 and A-5500-1, fixed head decks, are available with two heads.
Inquire for details and pricing.

For 117 Volts 60 hz power supply for Model A-4500, add \$20.00 to sample price.
For quantities, request quotation.

NOTE: Auricord's flexibility of manufacture allows for modifications of the
standard decks to suit specific requirements. Let us know your requirements.

TERMS: NET 30, F.O.B. LONG ISLAND CITY, N.Y. 11106

AVAILABILITY OF SAMPLE QUANTITIES: USUALLY IMMEDIATELY

Prices and specifications subject to change without notice

Price List #103



AURICORD
DIVISION

SCOVILL

SPECIALISTS IN QUALITY TAPE DECKS



The Auricord Corporation was established in 1959 with one basic premise: to produce a quality tape deck at an economical price. Through our ensuing years of successful growth we have rigidly maintained this premise. Our first machine was greeted with enthusiastic approval. Improvements over the years have not changed our basic design, but have produced a working mechanism unequalled at any price.

Auricord does not market its own recorders. We manufacture for private label accounts only. Our decks are used by commercial tape recorder manufacturers for their high-end equipment. The mechanical performance of these recorders has been the basis for many rave reviews. In addition to home entertainment, a large percentage of our business is with manufacturers of recorders for educational use in school language training systems. Other areas in which our decks are widely used, where reliable performance is the major factor, are broadcast equipment, medical electronics and space electronics.

Originally we sold our tape decks to a limited number of manufacturers. Now that we have expanded our facilities, Auricord tape decks are available to all manufacturers who want ultra high performance at a reasonable price. Our units are supplied with all mechanical parts less dress plate, heads and head covers. These can be supplied if desired. The construction of our decks allows for flexible application of switching and electronics. Auricord's engineers will be glad to assist in the design of this equipment.

SPECIAL PRODUCTS—Auricord will custom design and fabricate tape movement mechanisms for any application, and will produce for mass or limited marketing.



Effective Date
1/1/70

PRICING FOR

AURICORD

REEL-TO- REEL DECK, MODEL TR-1000

Model TR-1000, solenoid operated, 3 motor tape transport mechanism supplied less dress plate, heads and electronics, with head cover and three head mounts.

<u>QUANTITY</u>	<u>PRICE</u>
1 - 49	\$79.80
50 - 99	70.42
100 - 499	63.55
500 - 999	58.23
1,000 and over	54.86

PS-2 -- Power Supply and Switching. Samples are available at \$57.58 each. Production quantity prices of PS-2 will be quoted upon request.

Note: Auricord's flexibility of manufacture allows for modifications of the standard decks to suit specific requirements.

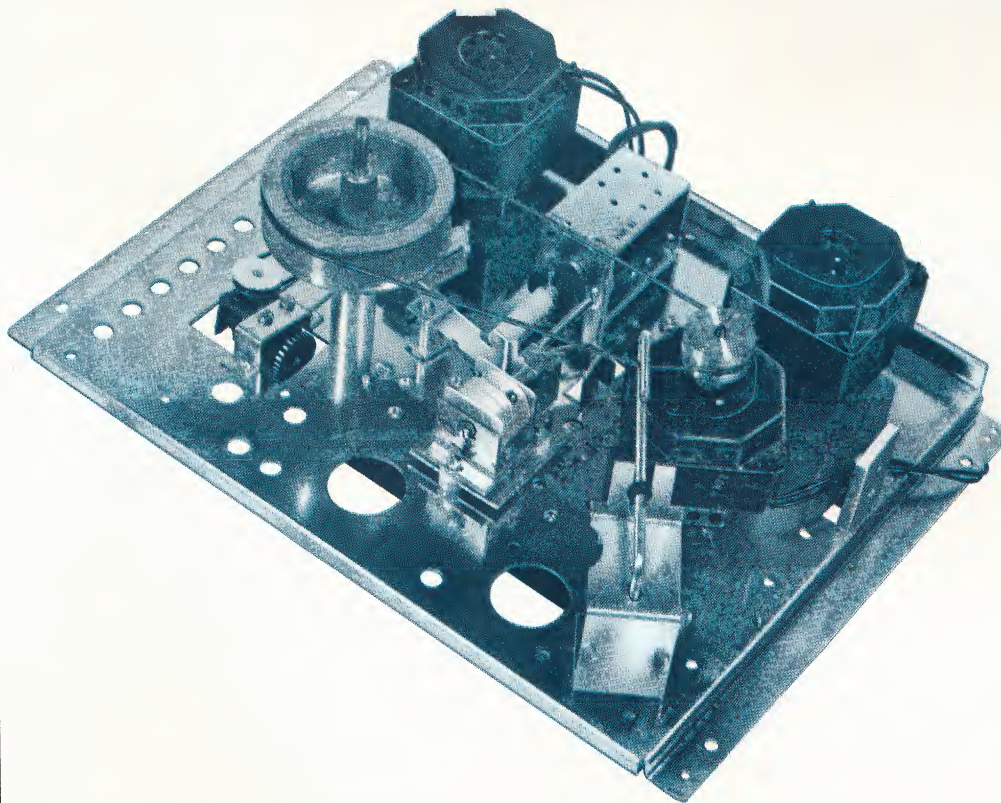
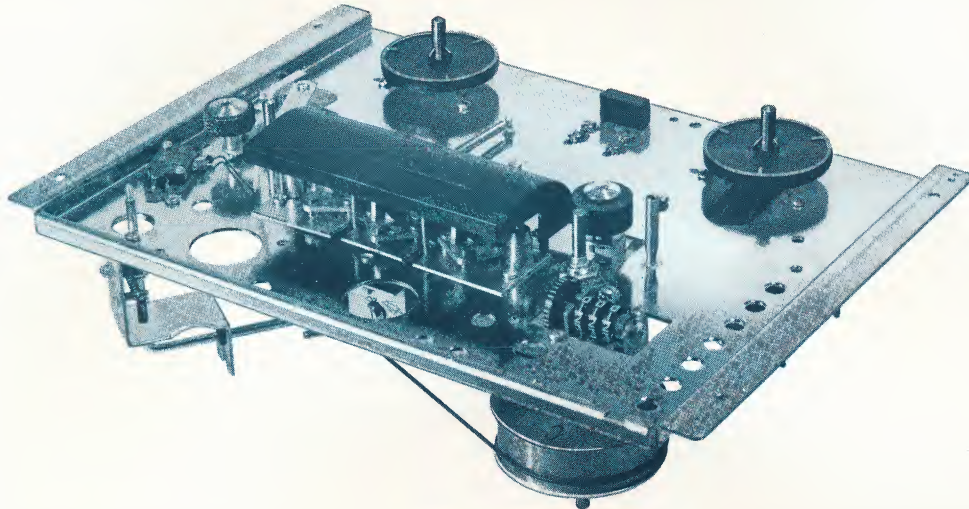
Availability of sample quantities: Usually immediately.

Terms: Net 30, F.O.B. Long Island City, N. Y.

Prices and specifications subject to change without notice.

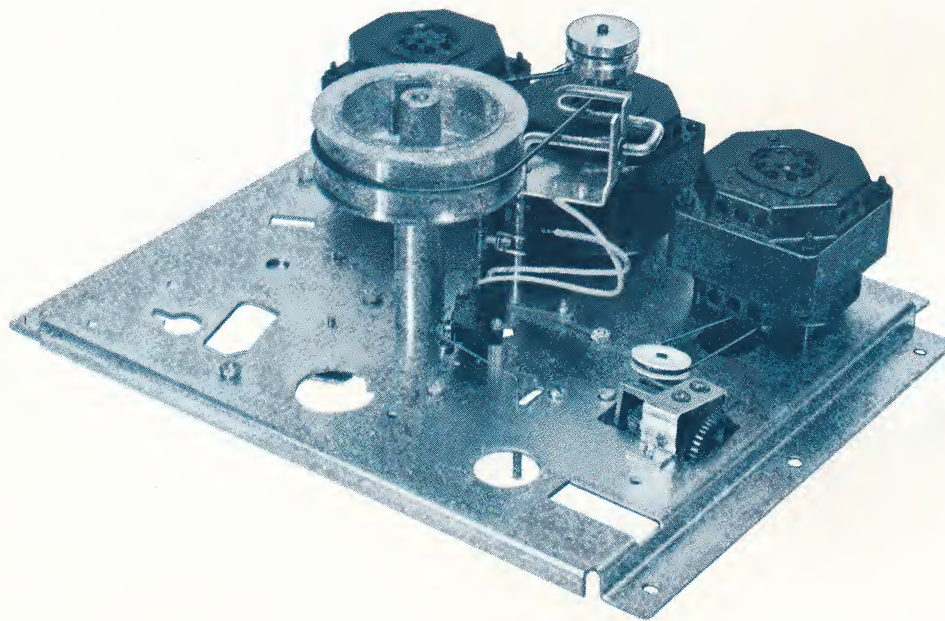
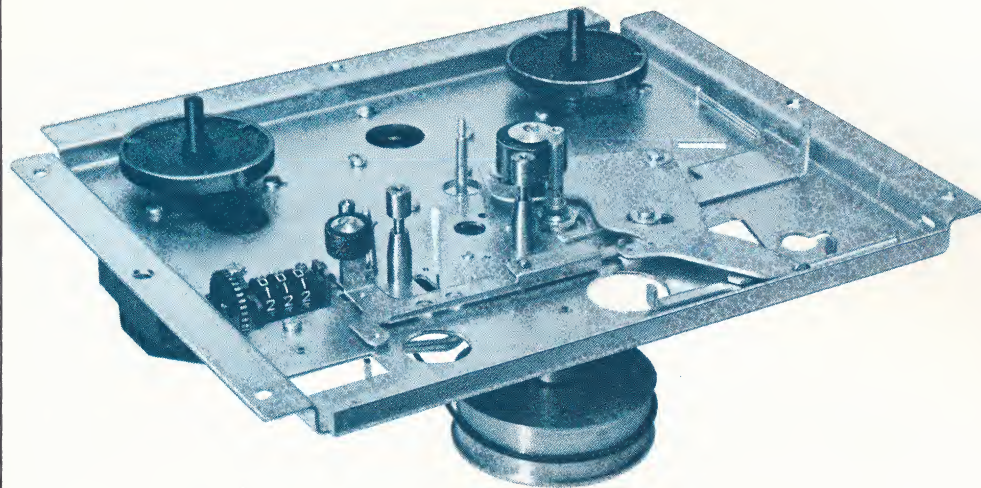
Price List #102

FEATURES AND SPECIFICATIONS



Model TR-1000 quality tape deck for the manufacturer requiring exacting performance for top of line equipment. It is most suitable in every field requiring high quality tape movement mechanisms.

- ☆ Vertical or horizontal operation.
- ☆ Three:Shaded 4 pole motors.
- ☆ Electrodynamic braking.
- ☆ All solenoid operated functions.
- ☆ Four point head mounts.
Provision for three heads.
- ☆ Ball bearing self aligning pinch roller.
- ☆ Digital tape index counter.
- ☆ End of tape switch—constructed to meet UL.
- ☆ Two speeds: $7\frac{1}{2}$ IPS, $3\frac{3}{4}$ IPS.
Jam proof switch.
- ☆ 100% tested for flutter and wow and timing.
- ☆ Flutter and wow —.2% RMS at $7\frac{1}{2}$ IPS.
- ☆ Speed accuracy $\pm 1\%$.
- ☆ Hardened and ground stainless steel capstan shaft.
- ☆ Stainless steel guides.
- ☆ 45 second wind-rewind time (1200 ft. of tape)
- ☆ Constant tension hold-back system, no pressure pads, sweep loading.
- ☆ Instant removable snap out head cover.
- ☆ All bearings lubricated for life.
- ☆ All parts made and assembled in U.S.A. by American craftsmen.
- ☆ 115 Volt 60 cycle operation.
- ☆ Available for 50 cycle operation.
- ☆ Dimensions: $15\frac{3}{8}$ " L x 11" W x 6" H.
- ☆ Net Weight: $15\frac{1}{2}$ lbs.



Model SM-2500 is precision engineered for continual flawless operation. It is widely used in educational speech and language training systems.

FEATURES AND SPECIFICATIONS

- ☆ Vertical or horizontal operation.
- ☆ Three-shaded 4 pole motors.
- ☆ Dynamically balanced capstan motor.
- ☆ Electrodynamic braking.
- ☆ End of tape switch meets UL.
- ☆ Two speeds: $7\frac{1}{2}$ IPS and $3\frac{3}{4}$ IPS—Jam proof shift.
- ☆ Digital tape index counter.
- ☆ Constant tension hold-back system, no pressure pads, sweep loading.
- ☆ Designed for latest combo heads to reduce alignment problems.
- ☆ Four point professional head mount.
- ☆ 45 second wind-rewind time (1200 ft. tape).
- ☆ 100% tested for timing and flutter and wow.
- ☆ Flutter and wow — .2% RMS at $7\frac{1}{2}$ IPS.
- ☆ Speed accuracy $\pm 1\%$.
- ☆ Hardened and ground stainless steel capstan shaft.
- ☆ Stainless steel guides.
- ☆ All bearings lubricated for life.
- ☆ Record interlock provision.
- ☆ Precision cast and machined dynamically balanced flywheel.
- ☆ Can be designed for remote solenoid operation.
- ☆ Available for 50 cycle operation.
- ☆ All parts made and assembled in U.S.A. by American craftsmen.
- ☆ 115 Volt 60 cycle operation.
- ☆ Dimensions: $12\frac{5}{8}$ " L x $10\frac{3}{8}$ " W x 6" H.
- ☆ Net Weight: 13 lbs.



For further information, contact:

AURICORD
DIVISION

SCOVILL

35-41 29TH STREET, LONG ISLAND CITY, N.Y. 11106 (212) 361-7400